



## INVENTION TITLE

# Driving Safety Anti-Blind Proximity View e-Mirrors Utilizing Owl's Eye Cameras

### [Para 1] BRIEF DESCRIPTION OF THE DRAWINGS

Fig 1 The Owls Eye Camera. 1a front end module; 1b backend module; 1c, detachable thin flexible cable.

Fig 2 The cylinder micro water proof housing; 2a Lens; 2b , UV filter glass disc.

Fig 3 The "O" ring grip mount.

Fig 4 The LCD screen is about same high as a regular rear view mirror,  $\frac{1}{2}$  length of the rear view mirror.

Fig 5A The single LCD stand; Fig 5B The single LCD display.

Fig 6A The Panoramic LCD stand; Fig 6B Rear view of the panoramic LCD Stand.

Fig 7 The Panoramic LCD e-Mirrors.

Fig 8 A connection pattern to integrate a Panoramic safety view 5 screens e-Mirrors system.

Fig 9 A quad 2x2 e-mirrors system setting for large vehicles.

Fig 10 A compound 7 screens e-Mirrors system setting for long trailer vehicles.

### What is claimed is:

**[Claim 1]** An driving safety view optoelectronic system, named as the e-Mirrors system, comprising:

- a plurality of LCD panels, having multiple special features ;
- a plurality of micro video cameras, having multiples special features, named as owl' eye cameras;
- a plurality of O ring grip mounts, holding said owl' eye cameras on surface of the vehicle;
- a plurality of LCD mount stands, holding said a plurality of LCD panels on top of dashboard of a vehicle ;

**[Claim 2]** The e-mirrors system of claim 1, wherein said a plurality of LCD panels, comprising following features:

- much higher resolution regular LCD;
- super slim frame bezel;
- ultra bright, sunlight readable ;
- having mirroring switch, able to flip screen image left to right , right to left;
- auto adjusting brightness according to ambient light;
- wide screen;
- height dimension match the height of regular rear view mirrors;

**[Claim 3]** The e-mirrors system of claim 1 wherein said the Owl's Eye cameras, having modular interconnecting design architecture, comprising:

- a micro front end module, as small as half of a thumb, super light weight, able to glue surface mount on vehicle;
- a micro back end circuit module, to be mounted and hided inside the vehicle;